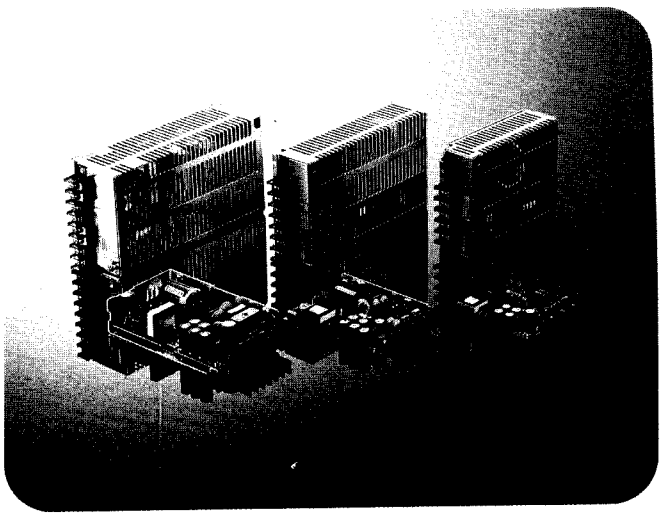
Volgen *Quality First*

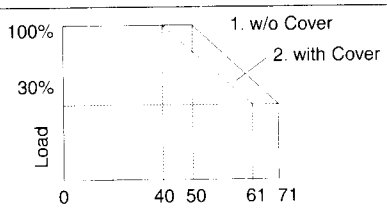
EXU & EXI SERIES

Switching Power Supply



Features:

- **10W - 150W Single Output Models**
- AC Input for U.S. & Canada (EXU Models)
- AC Input for Europe (EXI Models)
- Safety Approvals: UL, CSA (EXU Model)
- EMI: FCC Class "B" (10 - 30W Models)
  FCC Class "A" (50 - 150W Models)
- High Reliability
- Low Cost, High Performance
- Metal Chassis with Cover
- Compact, Extremely Low-Profile Packages
- Three Year Warranty

Specifications:	*EXU AND EXI MODELS*
INPUT VOLTAGE	**EXU:** AC100 / 120V (AC85 - 132V) **EXI:** AC200 / 220V (AC180 - 260V)
INPUT FREQUENCY	50/60 Hz (47 - 63 Hz)
EFFICIENCY (% typ.)	10W: 72%, 15W: 67%, 30W: 76%, 50W: 78%, 100W: 86%, 150W: 80%
INPUT CURRENT	2.3 A (typ) 3.5A (typ)
INRUSH CURRENT	**EXU:** 30A max. **EXI:** 40A max.
OUTPUT ADJUST RANGE	± 10%
LINE REGULATION	0.4% max.
LOAD REGULATION	0.8% max.
OVERVOLTAGE PROTECTION	Built-In
OVERCURRENT PROTECTION	Built-In
TEMPERATURE COEFFICIENT	0.02% / °C
DRIFT	0.5% + 15 mV max. / 8 hr. (after 1 hour)
RISE TIME	200 mS max.
OPERATION TEMPERATURE (0°C TO 71°C)	
STORAGE TEMPERATURE	-20°C - 85°C
HUMIDITY	20 - 85% RH (Non-condensing)
DIELECTRIC WITHSTANDING VOLTAGE	PRIMARY - SECONDARY AC 2000V / 1 min PRIMARY - CASE AC 2000V / 1 min
LEAKAGE CURRENT	**EXU:** 0.5 A max. **EXI:** 0.8 mA max.
ISOLATION RESISTANCE	INPUT - OUTPUT - CASE 100 M-ohms min.
SAFETY	EXU Model:UL 1950 D3, CSA E.B. 1402C
SHOCK TEST PROCEDURES	Vibration: 0.5mm width, 10 - 55 Hz / 1 min. cycle, 3 directions each 30 minutes Shock: 20G (3 directions each 3 times)
WARRANTY	3 Years

EXU Series (AC85 to 132V)

W	MODEL	OUTPUT	
		VOLT	AMPS
10W	EXU-05002	5V	2.0A
	EXU-120R9	12V	0.9A
	EXU-150R7	15V	0.7A
	EXU-240R45	24V	0.45A
15W	EXU-05003	5V	3.0A
	EXU-121R2	12V	1.2A
	EXU-15001	15V	1.0A
	EXU-240R6	24V	0.6A

W	MODEL	OUTPUT	
		VOLT	AMPS
30W	EXU-05006	5V	6.0A
	EXU-122R5	12V	2.5A
	EXU-15002	15V	2.0A
	EXU-241R3	24V	1.3A
	EXU-408R6	48V	0.6A
50W	EXU-05010	5V	10.0A
	EXU-124R2	12V	4.2A
	EXU-153R3	15V	3.3A
	EXU-242R1	24V	2.1A
	EXU-481R1	48V	1.1A

W	MODEL	OUTPUT	
		VOLT	AMPS
100W	EXU-05020	5V	20.0A
	EXU-128R4	12V	8.4A
	EXU-156R6	15V	6.6A
	EXU-244R2	24V	4.2A
	EXU-482R2	48V	2.2A
150W	EXU-05030	5V	30.0A
	EXU-12012	12V	12.0A
	EXU-15010	15V	10.0A
	EXU-246R3	24V	6.3A
	EXU-483R3	48V	3.3A

EXI Series (AC170 to 264V)

W	MODEL	OUTPUT	
		VOLT	AMPS
15W	EXI-05003	5V	3.0A
	EXI-121R2	12V	1.2A
	EXI-15001	15V	1.0A
	EXI-240R6	24V	0.6A

W	MODEL	OUTPUT	
		VOLT	AMPS
30W	EXI-05006	5V	6.0A
	EXI-122R5	12V	2.5A
	EXI-15002	15V	2.0A
	EXI-241R3	24V	1.3A
	EXI-408R6	48V	0.6A
50W	EXI-05010	5V	10.0A
	EXI-124R2	12V	4.2A
	EXI-153R3	15V	3.3A
	EXI-242R1	24V	2.1A
	EXI-481R1	48V	1.1A

W	MODEL	OUTPUT	
		VOLT	AMPS
100W	EXI-05020	5V	20.0A
	EXI-128R4	12V	8.4A
	EXI-156R6	15V	6.6A
	EXI-244R2	24V	4.2A
	EXI-482R2	48V	2.2A
150W	EXI-05030	5V	30.0A
	EXI-12012	12V	12.0A
	EXI-15010	15V	10.0A
	EXI-246R3	24V	6.3A
	EXI-483R3	48V	3.3A

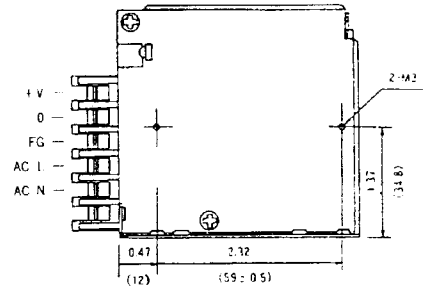
ORDERING INFORMATION

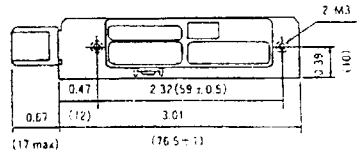
EXU - 05003

- OUTPUT CURRENT (3A)
- OUTPUT VOLTAGE (5V)
- SERIES (200V INPUT)

Specifications subject to change without notice.

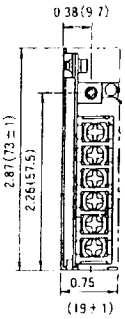
10W

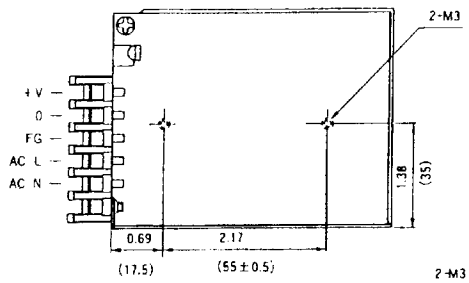


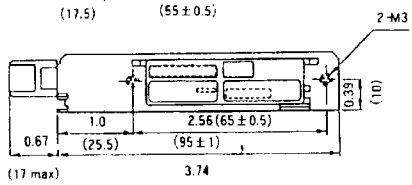


WEIGHT: 120g

15W

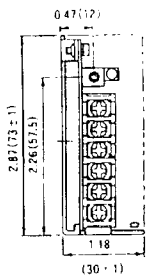


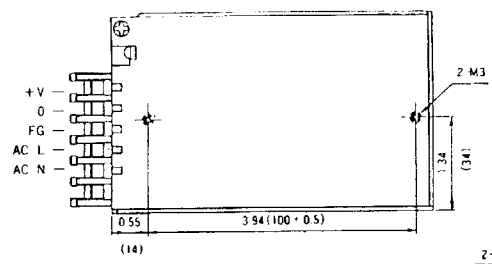


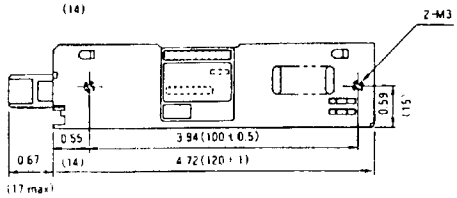


WEIGHT: 130g

30W







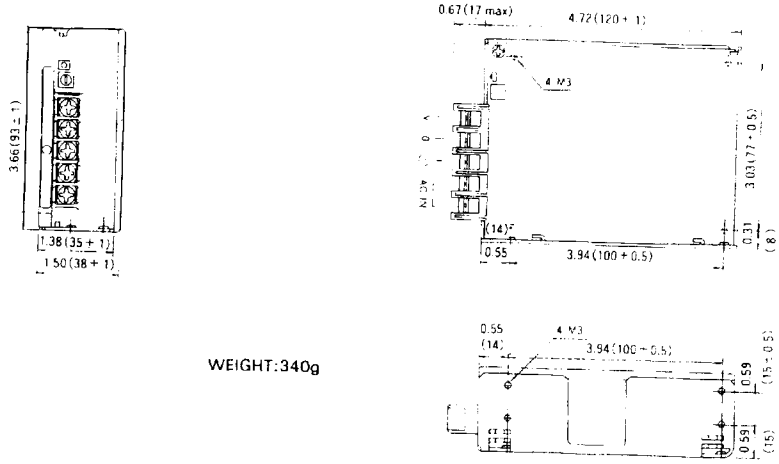
WEIGHT: 230g

Note:
All specifications typical at nominal / full load and 25°C unless otherwise noted.
Mounting screw length should not exceed 0.31 inches or 8 mm.
Avoid sustained operation in overload or dead short conditions

- Dimensions: mm
- Mounting Hole: 6-23 UNC standard
- Terminal block or "pin" type connector available

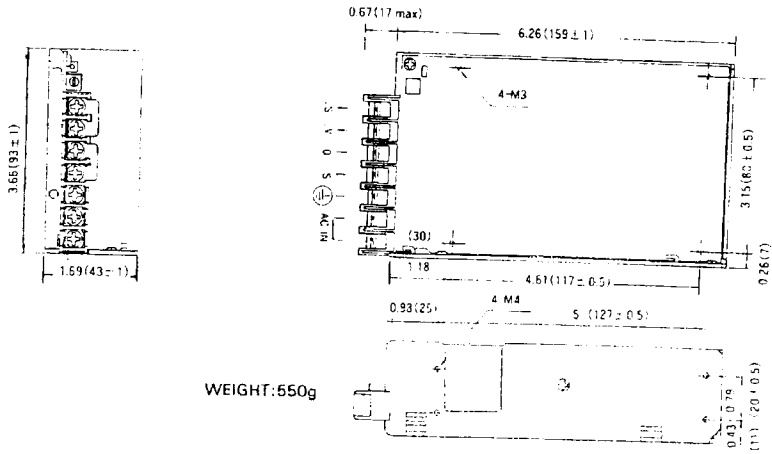
Specifications subject to change without notice.

50W



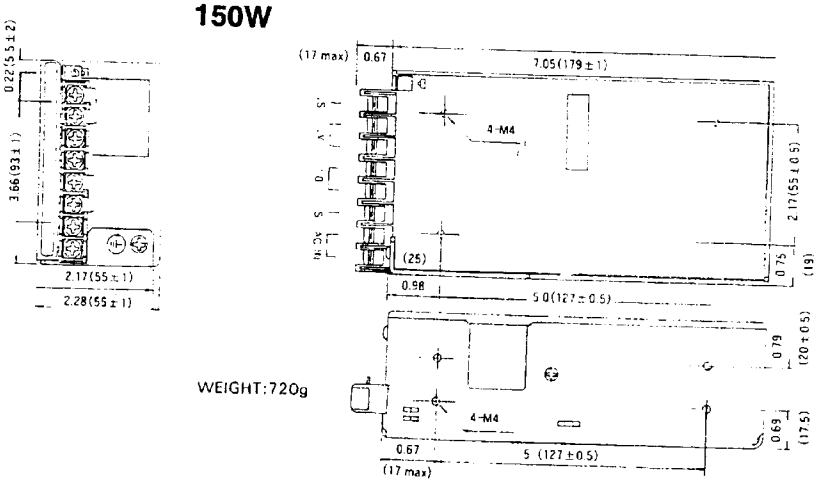
WEIGHT:340g

100W



WEIGHT:550g

150W



WEIGHT:720g

Note:
All specifications typical at nominal / full load and 25°C unless otherwise noted.
Mounting screw length should not exceed 0.31 inches or 8 mm.
Avoid sustained operation in overload or dead short conditions

Specifications subject to change without notice.

- Dimensions: mm
- Terminal block or "pin" type connector available